



2000 Toxics Release Inventory

WEST VIRGINIA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
On-site Releases	13,717,422	77,832,034	91,549,456
Air Emissions	9,842,330	63,531,066	73,373,396
Surface Water Discharges	3,851,047	816,286	4,667,332
Underground Injection Class I Wells	10	14,399	14,409
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	6,604	0	6,604
Other On-site Land Releases	17,431	13,470,284	13,487,715
Off-site Releases (Transfers Off-site to Disposal)*	3,812,509	2,351,638	6,164,147
Total On- and Off-site Releases	17,529,931	80,183,672	97,713,602
Recycled On-site	46,512,553	0	46,512,553
Recycled Off-site	15,915,612	641,523	16,557,135
Energy Recovery On-site	30,192,865	0	30,192,865
Energy Recovery Off-site	13,014,364	0	13,014,364
Treated On-site	130,739,449	37,242,631	167,982,079
Treated Off-site**	6,921,442	0	6,921,442
Quantity Released On- and Off-site***	17,572,626	80,137,467	97,710,093
Total Production-related Waste Managed	260,868,910	118,021,620	378,890,530
Non-production-related Waste Managed	87,425	18	87,443

Transfers Off-site for Further Waste Management/Disposal

Recycling	6,449,394	641,911	7,091,305
Energy Recovery	13,099,011	0	13,099,011
Treatment	4,404,441	0	4,404,441
Publicly Owned Treatment Works (POTWs)	2,485,085	5	2,485,090
Metals and Metal Compounds*	4,248	5	4,253
Non-metal TRI Chemicals**	2,480,837	0	2,480,837
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal (not including metals to POTWs)	3,888,830	2,351,643	6,240,473
Total Transfers Off-site for Further Waste Management/Disposal	30,326,760	2,993,559	33,320,319

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

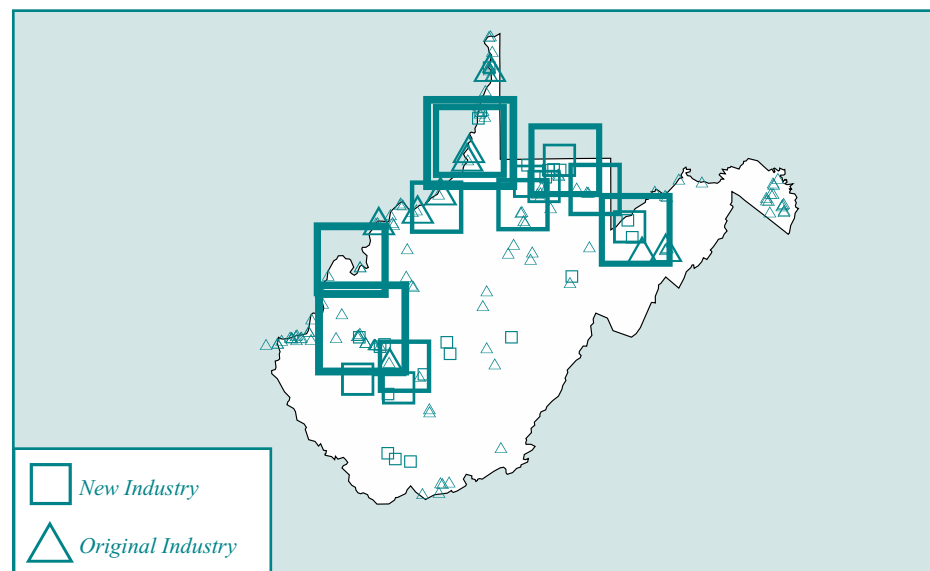
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Fax: (202) 401-2347
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The largest marker in the state map represents the largest facility for on-site releases in the state of West Virginia. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	1,807,099
Square Miles	24,087
Total Facilities	189
Total Forms	1,041
Form As	67

	Original Industry	New Industry	Total
National Rank for Total On- and Off-site Releases*			
Rank	34	10	21
Pounds	17,529,931	80,183,672	97,713,602
National Rank for Total On-site Releases**			
Rank	34	8	21
Pounds	13,717,422	77,832,034	91,549,456
National Rank for Total Releases within State***			
Rank	34	10	22
Pounds	15,665,684	80,228,124	95,893,807
National Rank for Production-related Waste Managed			
Rank	27	12	27
Pounds	260,868,910	118,021,620	378,890,530

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



2000 Toxics Release Inventory

WEST VIRGINIA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	53,917,866	1,403	0	0	7,930	53,927,199	0	0	7,930
7664-93-9	Sulfuric acid	5,782,379	0	0	0	0	5,782,379	0	0	0
—	Barium compounds	56,046	28,307	0	4,865,055	826,183	5,775,591	6,396	821,575	4,608
7664-39-3	Hydrogen fluoride	4,196,330	13,398	0	0	0	4,209,728	0	0	0
—	Nitrate compounds	0	3,294,438	0	1,762	0	3,296,200	0	0	0

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Polycyclic aromatic compounds	20,321.11	69.21	0.00	31.00	401,168.60	421,589.92	52.21	307,658.60	93,510.00
191-24-2	Benzo(g,h,i)perylene	754.94	0.48	0.00	13.00	40,743.30	41,511.72	9.40	40,296.30	447.00
—	Mercury compounds	5,657.23	11.00	0.00	3,303.50	1,046.06	10,017.78	128.20	832.06	214.00
7439-97-6	Mercury	1,387.39	163.51	0.00	2,630.00	94.81	4,275.71	0.00	0.01	94.80
79-94-7	Tetrabromobisphenol A	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.15	0.01	0.00	0.00	0.00	0.16	0.00	0.00	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>66.625</i>	<i>2.807</i>	<i>0.000</i>	<i>0.160</i>	<i>0.938</i>	<i>70.529</i>	<i>0.000</i>	<i>0.869</i>	<i>0.069</i>
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.



2000 Toxics Release Inventory

WEST VIRGINIA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
John E. Amos Power Plant, Winfield, Putnam	14,552,282	6,569	0	0	0	956,399	15,515,250	1,527,421	110
American Electric Power Mitchell Plant, Moundsville, Marshall	9,734,269	14,359	0	0	0	1,485,830	11,234,458	7,621	51
Allegheny Energy Inc. Fort Martin Power Station, Maidsville, Monongalia	7,890,917	2,753	0	0	0	192,702	8,086,372	0	0
American Electric Power Mountaineer Plant, New Haven, Mason	6,422,850	2,328	0	0	0	1,120,960	7,546,138	1	1,325
Mt. Storm Power Station, Mount Storm, Grant	5,320,715	2,255	0	0	0	2,106,100	7,429,070	0	0
American Electric Power. Philip Sporn Plant, New Haven, Mason	4,592,806	5,354	0	0	0	1,170,830	5,768,990	1	2,459
American Electric Power Kammer Plant, Moundsville, Marshall	4,866,543	46,900	0	0	0	354,270	5,267,713	2,561	0
Pleasants/Willow Island Power Stations, Willow Island, Pleasants	2,732,933	1,592	0	0	0	1,458,070	4,192,595	0	0
Allegheny Energy Inc. Harrison Power Station, Haywood, Harrison	1,293,365	2,641	0	0	0	2,230,660	3,526,666	0	0
Allegheny Energy Inc. Albright Power Station, Albright, Preston	2,063,060	64	0	0	0	215,085	2,278,209	0	0

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Koppers Inds. Follansbee Tar Plant, Follansbee, Brooke	9,653.00	0.00	0.00	0.00	0.00	0.00	9,653.00	329,418.00	0.00
Wheeling-pittsburgh Steel Corp. Steubenville East, Follansbee, Brooke	6,671.00	66.00	0.00	0.00	0.00	0.00	6,737.00	0.00	1,110.00
Elkem Metals Co. Alloy L.P., Alloy, Fayette	3,451.00	0.00	0.00	0.00	0.00	0.00	3,451.00	0.00	0.00
Mt. Storm Power Station, Mount Storm, Grant	1,905.20	11.00	0.00	0.00	0.00	100.00	2,016.20	0.00	0.00
Patriot Mining Co. Inc. Dents Run Mine, Star City, Monongalia	0.00	76.50	0.00	0.00	0.00	1,275.00	1,351.50	0.00	0.00
PPG Inds. Inc., New Martinsville, Marshall	1,227.00	12.01	0.00	0.00	0.00	0.00	1,239.01	0.00	93.00
Allegheny Energy Inc. Harrison Power Station, Haywood, Harrison	430.00	0.00	0.00	0.00	0.00	660.00	1,090.00	0.00	0.00
John E. Amos Power Plant, Winfield, Putnam	706.23	0.00	0.00	0.00	0.00	199.00	905.23	346.00	0.00
Patriot Mining Co. Inc. Crown Mine, Star City, Monongalia	0.00	50.00	0.00	0.00	0.00	837.00	887.00	0.00	0.00
American Electric Power. Philip Sporn Plant, New Haven, Mason	502.57	0.00	0.00	0.00	0.00	270.00	772.57	0.00	2.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



2000 Toxics Release Inventory

WEST VIRGINIA

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
John E. Amos Power Plant, Winfield, Putnam	0	67,600	0	0	2,793,000	0	17,034,206	19,894,806	0
American Electric Power Mitchell Plant, Moundsville, Marshall	0	125,300	0	0	1,015,000	0	11,245,943	12,386,243	0
Allegheny Energy Inc. Fort Martin Power Station, Maidsville, Monongalia	0	0	0	0	0	0	8,078,850	8,078,850	0
American Electric Power Mountaineer Plant, New Haven, Mason	0	22,400	0	0	713,000	0	7,542,193	8,277,593	0
Mt. Storm Power Station, Mount Storm, Grant	0	0	0	0	4,900,155	0	7,427,905	12,328,060	0
American Electric Power. Philip Sporn Plant, New Haven, Mason	0	20,820	0	0	1,642,000	0	5,776,373	7,439,193	0
American Electric Power Kammer Plant, Moundsville, Marshall	0	133,800	0	0	1,624,000	0	5,266,052	7,023,852	0
Pleasants/Willow Island Power Stations, Willow Island, Pleasants	0	0	0	0	9,070,000	0	4,186,680	13,256,680	0
Allegheny Energy Inc. Harrison Power Station, Haywood, Harrison	0	0	0	0	14,700,000	0	3,522,100	18,222,100	0
American Electric Power Kanawha River Plant, Glasgow, Kanawha	0	27,910	0	0	715,000	0	2,422,301	3,165,211	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Koppers Inds. Follansbee Tar Plant, Follansbee, Brooke	9,520	0	0	0	1,200	0	339,000	349,720	0
Koppers Inds. Inc., Green Spring, Hampshire	0	0	0	0	0	0	93,450	93,450	0
UCAR Carbon Co. Inc., Anmoore, Harrison	0	0	11	10,260	4,267	0	19,759	34,297	0
Wheeling-Pittsburgh Steel Corp. Steubenville East, Follansbee, Brooke	0	0	0	0	2,100	0	7,770	9,870	0
Century Aluminum of West Virginia Inc., Ravenswood, Jackson	0	0	0	0	0	0	7,658	7,658	0
Elkem Metals Co. Alloy L.P., Alloy, Fayette	0	0	0	0	0	0	3,451	3,451	0
Mt. Storm Power Station, Mount Storm, Grant	0	0	0	0	155	0	1,905	2,060	0
Patriot Mining Co. Inc. Dents Run Mine, Star City, Monongalia	0	0	0	0	0	0	1,275	1,275	0
PPG Inds. Inc., New Martinsville, Marshall	105,510	0	0	0	0	706	1,240	107,456	0
John E. Amos Power Plant, Winfield, Putnam	0	0	0	0	0	0	1,206	1,206	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.